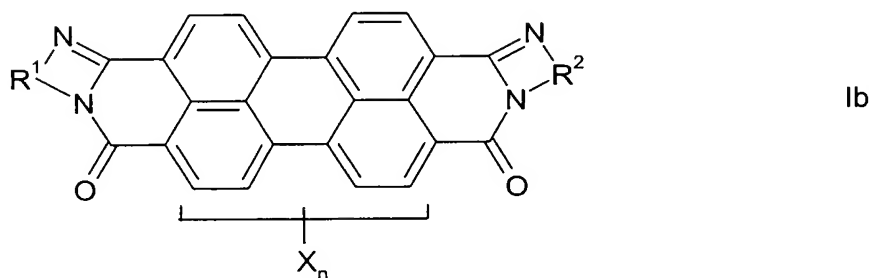
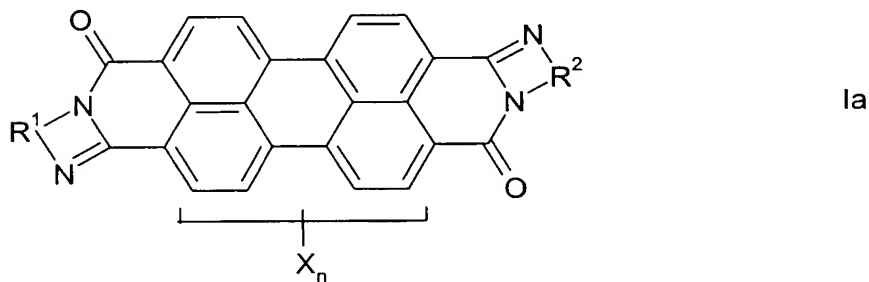


IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A black perylene pigment, comprising ~~which comprises one of the isomers of the~~ an isomer according to formula Ia, or an isomer according to formula Ib, or a mixture thereof



~~in which~~ wherein:

R<sup>1</sup>, R<sup>2</sup> are each independently phenylene, naphthylene or pyridylene, each of which may be mono- or polysubstituted by C<sub>1</sub>-C<sub>12</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, hydroxyl, nitro and/or halogen;

X is halogen;

n is from 0 to 4; and

~~or comprises a mixture of both isomers and~~ the pigment has a blackness value ≥ 210 when provided in an alkyd/melamine baking varnish.

Claim 2 (Currently Amended): The perylene pigment according to claim 1, ~~in which~~ the wherein:

~~R<sup>1</sup> and R<sup>2</sup> radicals are the same and are each~~ selected from the group consisting of  
unsubstituted phenylene or and naphthylene; and

R<sup>1</sup> and R<sup>2</sup> are the same.

Claim 3 (Currently Amended): A process for preparing the perylene pigments  
pigment according to claim 1, ~~which comprises comprising:~~

obtaining a crude perylene pigment; and

subjecting the the crude perylene pigments-pigment to a treatment selected from the  
group consisting of: obtained in the synthesis

a) ~~to a comminution and, if desired, to a recrystallization in a liquid medium or;~~

b) comminution and recrystallization in a liquid medium; and

b)c) ~~to a comminution with simultaneous recrystallization.~~

Claim 4 (Currently Amended): The process according to claim 3, wherein the crude  
~~pigments are pigment is~~ subjected to a high-energy powder grinding.

Claim 5 (Currently Amended): The process according to claim 3, wherein the crude  
~~pigments are pigment is~~ initially subjected to a dry grinding in the presence or absence of a  
salt as a grinding assistant and then to a recrystallization in an organic solvent, if desired in a  
mixture with water, under hot conditions.

Claim 6 (Currently Amended): The process according to claim 3, wherein the crude  
~~pigments are pigment is~~ subjected to kneading under hot conditions in the presence of an  
organic solid having recrystallizing action and of an inorganic salt.

Claim 7 (Currently Amended): The process according to claim 3, wherein the crude ~~pigments are pigment is~~ subjected to an aqueous wet grinding in the presence of an organic solvent having recrystallizing action.

Claim 8 (Currently Amended): A process for preparing perylene pigments according to claim 1, ~~which comprises comprising:~~

obtaining a crude perylene pigment; and

subjecting the crude perylene pigment~~pigments obtained in the synthesis, if desired after a comminution,~~ to a swelling in a concentrated acid.

Claim 9 (Currently Amended): The process according to claim 3, wherein obtaining the crude ~~pigments are prepared by pigment comprises:~~

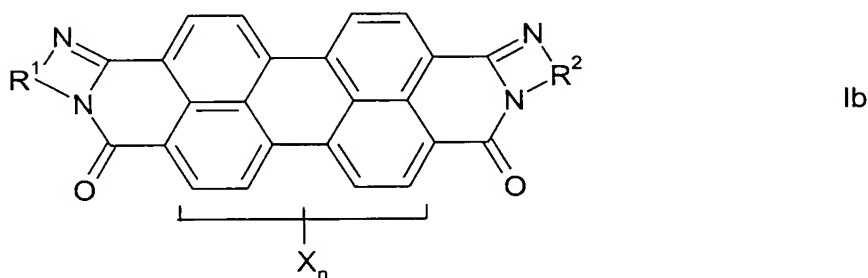
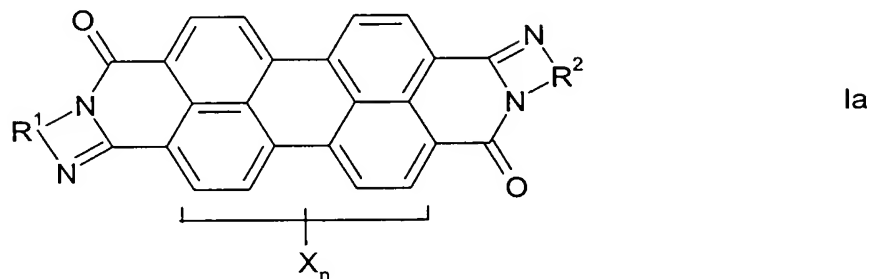
condensing perylene-3,4:9,10-tetracarboxylic dianhydride with an aromatic ortho- or peri-diamine which has the arylene radical R<sup>1</sup> or R<sup>2</sup> and if desired X radicals, and

subsequently cyclizing in the presence of phenol or a nitrogen-containing, nonfused heteroaromatic;

wherein the aromatic ortho- or peri-diamine comprises at least one member selected from the group consisting of R<sup>1</sup> and R<sup>2</sup>.

Claim 10 (Currently Amended): The process according to claim 3, ~~which wherein the~~ process is carried out in the presence of a pigment synergist and/or a pigment additive.

Claim 11 (Currently Amended): A process for preparing a crude perylene pigments pigment which comprise one of the comprising an isomers isomer of the formula Ia, ~~an or~~ isomer of the formula Ib, or a mixture thereof



~~in which~~wherein:

$R^1$ ,  $R^2$  are each independently phenylene, naphthylene or pyridylene, each of which may be mono- or polysubstituted by  $C_1$ - $C_{12}$ -alkyl,  $C_1$ - $C_6$ -alkoxy, hydroxyl, nitro and/or halogen;

X is halogen; and

n is from 0 to 4;

~~or a mixture of both isomers, by the process comprising:~~

condensing perylene-3,4:9,10-tetracarboxylic dianhydride with an aromatic ortho-diamine ~~which has the arylene radical R1 or R2;~~ and subsequently cyclizing;

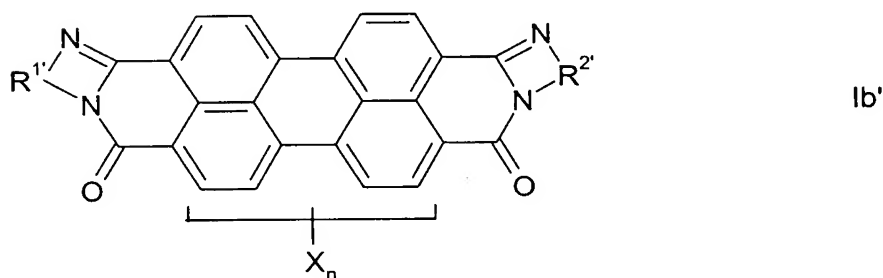
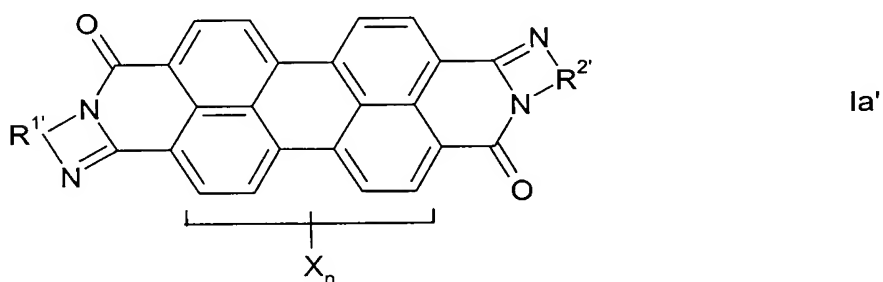
wherein:

the aromatic ortho- or peri-diamine comprises at least one member selected from the group consisting of  $R^1$  and  $R^2$ ; and

~~, which comprises carrying out condensation and cyclization~~condensing and cyclizing are carried out in phenol or a nitrogen-containing, nonfused heteroaromatic as a reaction medium.

Claim 12 (Currently Amended): The process according to claim 11, ~~which is undertaken wherein the process is carried out~~ in the presence of a pigment synergist and/or a pigment additive.

Claim 13 (Currently Amended): A pigment synergist ~~based on one of the isomers,~~ comprising an isomer of the formula Ia', or an isomer of the formula Ib', or a mixture thereof



~~in which~~ wherein:

R<sup>1'</sup>, R<sup>2'</sup> are each independently phenylene, naphthylene or pyridylene, each of which is mono- or polysubstituted by -COO- M<sup>+</sup>, -COOR<sup>3</sup>, -CONR<sup>3</sup>R<sup>4</sup>, -COO- N<sup>+</sup>R<sup>3</sup>R<sup>4</sup>R<sup>5</sup>R<sup>6</sup>, -SO<sub>2</sub>NR<sup>3</sup>R<sup>4</sup>, -CH<sub>2</sub>NR<sup>3</sup>R<sup>4</sup>, -CH<sub>2</sub>N<sup>+</sup>R<sup>3</sup>R<sup>4</sup>R<sup>5</sup>R<sup>6</sup> R<sup>3</sup>-COO<sup>-</sup> and/or -CH<sub>2</sub>R<sup>7</sup>, and may additionally be mono- or polysubstituted by C<sub>1</sub>-C<sub>12</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, hydroxyl, nitro and/or halogen;

R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup> are each independently hydrogen; C<sub>1</sub>-C<sub>12</sub>-alkyl or C<sub>2</sub>-C<sub>12</sub>-alkenyl whose hydrocarbon chain may in each case be interrupted by one or more -O-, -S-, -NR<sup>8</sup>-, -CO- or -SO<sub>2</sub>- moieties, and/or be mono- or polysubstituted by hydroxyl, halogen, aryl, C<sub>1</sub>-C<sub>4</sub>-alkoxy

and/or acetyl; C<sub>3</sub>-C<sub>8</sub>-cycloalkyl whose carbon skeleton may be interrupted by one or more -O-, -S-, -NR<sup>8</sup>- or -CO- moieties, and/or be substituted by acetyl;

R<sup>7</sup> is phthalimidyl;

R<sup>8</sup> is hydrogen or C<sub>1</sub>-C<sub>8</sub>-alkyl;

M<sup>+</sup> is hydrogen or a metal cation;

X is halogen; and

n is from 0 to 4;

~~or on a mixture of both isomers.~~

Claim 14 (Currently Amended): ~~The A method, comprising:~~  
~~of using of perylene pigments according to claim 1 for coloring high molecular~~  
weight organic and inorganic materials of natural and synthetic origin with the perylene  
pigment according to claim 1.

Claim 15 (Currently Amended): The process according to claim 14, wherein the high  
molecular weight organic and inorganic materials are selected from the group consisting of  
coatings, inks ~~including printing inks~~, toners, polymers, paints, plastics articles, glasses,  
silicatic layer systems and organic-inorganic composites ~~are colored~~.

Claim 16 (Currently Amended): ~~The A method of using perylene pigments according~~  
~~to claim 1 for, comprising:~~  
coloring plastics articles ~~which that~~ are used for laser penetration welding with the  
peryene pigment according to claim 1.

Claim 17 (Currently Amended): ~~The A method of using perylene pigments according to claim 1 for, comprising:~~

coloring leather ~~and or~~ leather-like materials with a perylene pigment according to claim 1.

Claim 18 (Currently Amended): ~~The A method of using perylene pigments according to claim 1 as, comprising:~~

incorporating the perylene pigment according to claim 1 into a charge-generating material for electrophotography and as or a constituent of the a black matrix in an LC displaysdisplay.

Claim 19 (Currently Amended): ~~The A method of using perylene pigments according to claim 1 for, comprising:~~

incorporating the perylene pigment according to claim 1 into a ~~preparing~~ water-, polymer- or polyolefin wax-based pigment ~~preparations~~preparation.

Claim 20 (New): The process according to claim 5, wherein recrystallization is carried out in a mixture of the organic solvent and water.

Claim 21 (New): The process according to claim 8, wherein swelling is carried out subsequent to comminution.